

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )  
SHIN-TSON WU, ET AL. )  
Serial No: TBA )  
Filed: Concurrently Herewith )  
For: **FLOWER-SHAPED VERTICAL ALIGNMENT LIQUID CRYSTAL DISPLAYS WITH WIDE VIEW ANGLE**  
**AND FAST RESPONSE TIME** )

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents  
and Trademarks  
Washington DC 20231


Sir:

Pursuant to the requirements of 37 CFR 1.97 and 1.98, Applicant hereby requests that the references listed in the attached form PTO-1449 be considered and made of record in the above-identified application.

Favorable consideration of the application at an early date is respectfully solicited.

Respectfully submitted,

By:

  
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Date:

2/20/04

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

APPLICANT: SHIN-TSON WU  
FOR: FLOWER-SHAPED VERTICAL ALIGNMENT LIQUID CRYSTAL DISPLAYS WITH WIDE  
VIEW ANGLE AND FAST RESPONSE TIME

LIST OF ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NO.	NAME	DATE	CLASS	SUBCLASS
AA	6,014,188	YAMADA, et al.	01/11/2000	349	32
AB	US 6,424,398 B1	TANIGUCHI	07/23/2002	349	143

PATENT APPLICATION PUBLICATIONS

NONE

FOREIGN ART

NONE

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OAA	"Transverse field effects in nematic liquid crystals," R. A. Soref, Appl. Phys. Lett., Vol. 22, No. 4, 15 February 1973, pp. 165-166.
OAB	"Field effects in nematic liquid crystals obtained with interdigital electrodes," R. A. Soref, Journal of Applied Physics, Vol. 45, No. 12, December 1974, pp. 5466-5468.
OAC	"P2-30 In-Plane Switching of Nematic Liquid Crystals," R. Kiefer, et al., JAPAN DISPLAY '92, pp. 547-550.
OAD	"LP-7: Late-News Poster: Axially Symmetric Aligned Microcell (ASM) Mode: Electro-Optical Characteristics of New Display Mode with Excellent Wide Viewing Angle," N. Yamada, et al., SID 95 DIGEST, pp. 575-578.
OAE	"41.1: A Super-High Image Quality Multi-Domain Vertical Alignment LCD by New Rubbing-Less Technology" A. Takeda, et al., SID Vol. 29 (1998), page 1077.
OAF	"41.4: Advanced ASM Mode (Axially Symmetric Aligned Microcell Mode): Improvement of Display Performances by Using Negative Dielectric Liquid Crystal," Y. Kume, et al., SID Vol. 29 (1998) p. 1089.
OAH	"Super High Quality MVA-TFT Liquid Crystal Displays," Yoshio Koike, et al., FUJITSU Sci. Tech. J., 35, 2, pp. 221-228 (December 1999).